ABSTRACT

The present invention provides an improved process for the preparation of 4-(4-Fluorobenzoyl)butyric acid of formula (I), which is prepared on a commercial scale using normal quality fluorobenzene (benzene content 300-700ppm) with the desfluoro analogue impurity at an acceptable level (less than 0.1 % by HPLC). The 4-(4-Fluorobenzoyl)butyric acid has the formula (I) is a key raw material for the synthesis of anti-hyperlipoproteinemetic drug ezetimibe.